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Patent claims:WHAT IS CLAIMED IS⁶

1. A composite of two parts, of which one is a rare-earth permanent magnet and the other is a metallic support,

the composite being formed using a thermally curable glue that forms a spaced joint, characterized in that

the rare-earth permanent magnet has a joint surface of at least 1000 mm² and the metallic support is a ferromagnetic pole of an electrical machine

and in that the glue consists of an addition-crosslinking, single-component and self-adhesive silicone glue,

the glue layer having a layer thickness of from 70 to 150 μm and containing spherical spacers in an amount of from 0.5 to 5% by weight of the glue mass.

2. The composite as claimed in claim 1, characterized in that the diameter of the spacers, and therefore the thickness of the glue layer, is between 100 and 125 μm.